

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 8:02 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 768 Const Calendar Day: 233 Date: 23-Jan-2013 Wednesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60**Precipitation** 0.31"**Condition** Overcast w/light PM rainWorking Day ☐ If no, explain:**Diary:**

Dispute

Work description.

- Used the Caltrans CT-2 Extensometer to measure bolt elongations for the following cable bands at the request of Tai-Lin Liu:

114S and 114N (Bolt #6 only)

The measurements were taken by myself, John Lyons, and Tai-Lin Liu. John took all of readings on the analog dial and Tai-Lin recorded the number. I positioned/handled the Extensometer on the cable band bolts. Measurements were taken from approximately 7:30am to 8:15am. Thermal effects were inconsequential due to the fact that the measurements were taken just after sunrise approximately at 7:30am.

- Used the Caltrans CT-1 Extensometer to measure replacement bolt elongations for testing in the Pier warehouse. The following were the numbers marked on the bolt heads by ABF and Bob Brignano:

1a, 1b, 2, 3, and 4 (5 total)

The measurements were taken by myself and John Lyons before and after the bolts were tested by the Boltight jacks near the yielding load. John took all of readings on the digital dial and recorded the number. I positioned/handled the Extensometer on the cable band bolts. Both Bob Brignano and Tai-Lin Liu were responsible for monitoring the testing of the cable band replacement bolts specifically at panel points 40 and 44. Unstressed bolt measurements were taken at 10:00am prior to testing and immediately after testing at 2:30pm.

- Completed processing the measurements taken on the Shear Key and Bearing alignments related to the West 86mm Geometric and 1.874m East Offset lines, and the Center of Rotation level run. Emailed the report to pertinent personnel in Caltrans Structures Construction.

- Wrote outstanding diaries for the last two weeks.

Attachment

ddrRptbyBidItem

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 768

Date: 23-Jan-2013

Wednesday



The 5 selected cable band replacement bolts to be used for QA testing.



30 new Boltight jacks to be verified by a Load Cell today in the Pier 7 warehouse